

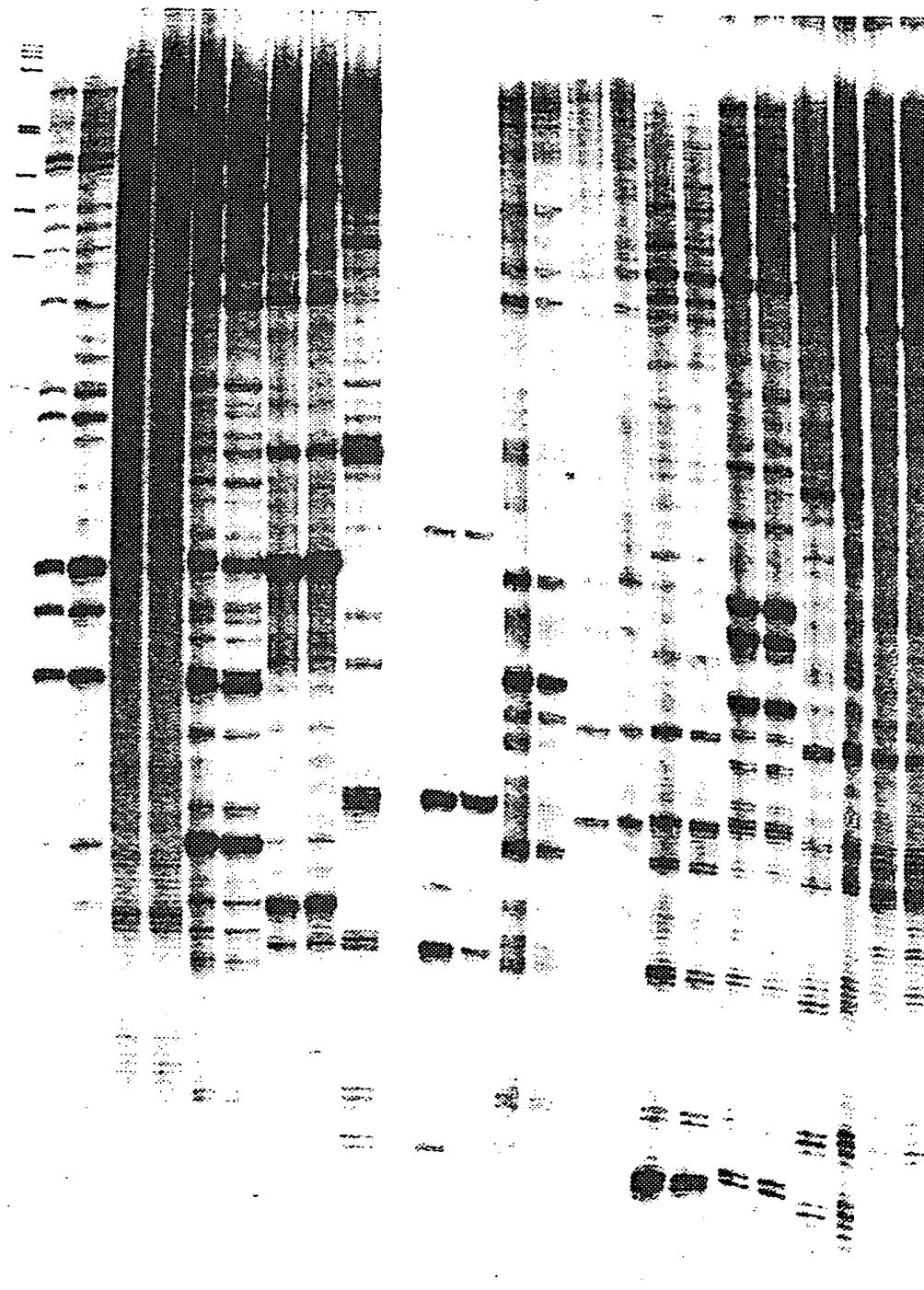
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WO 99/57130

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1/8

FIG. 1A



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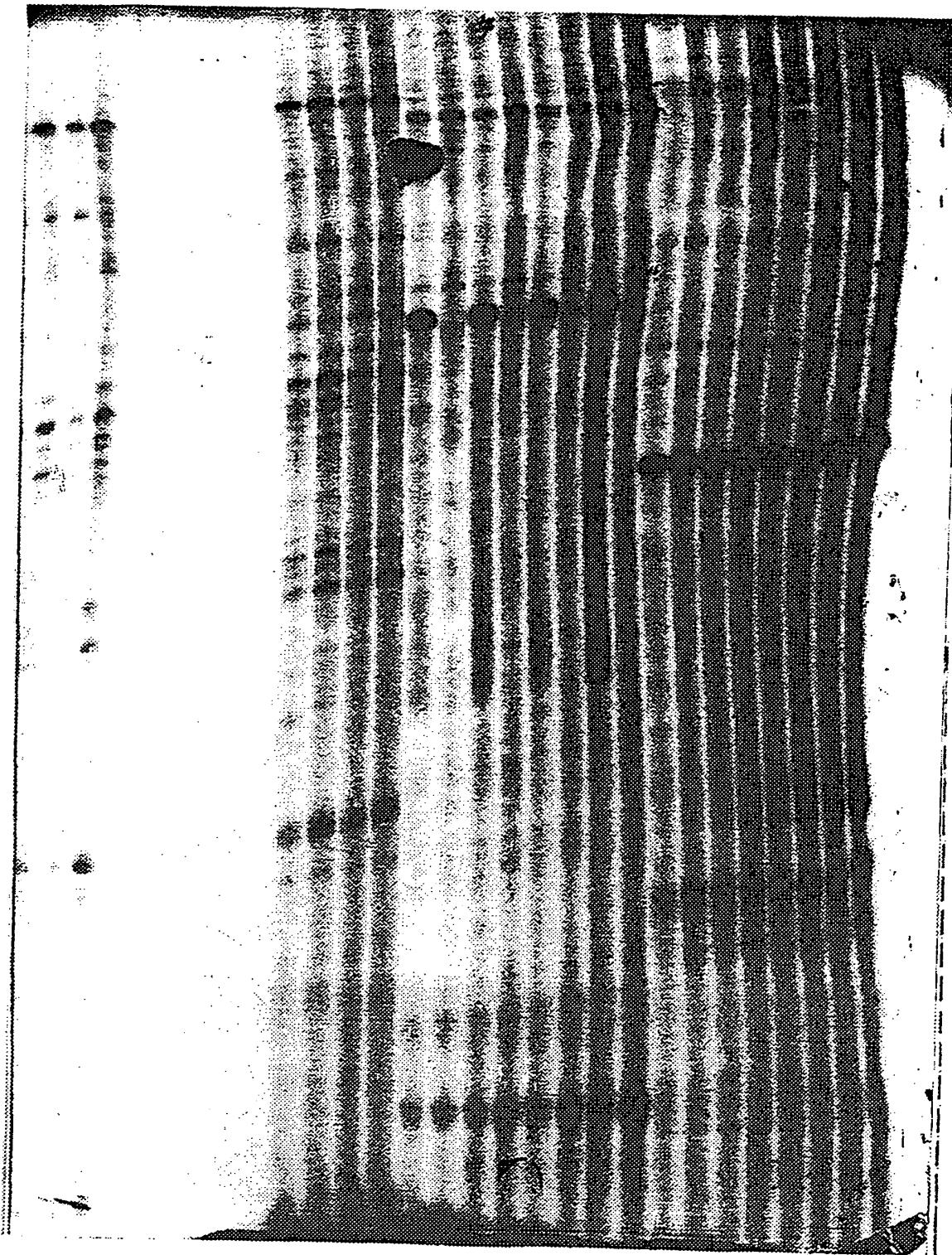
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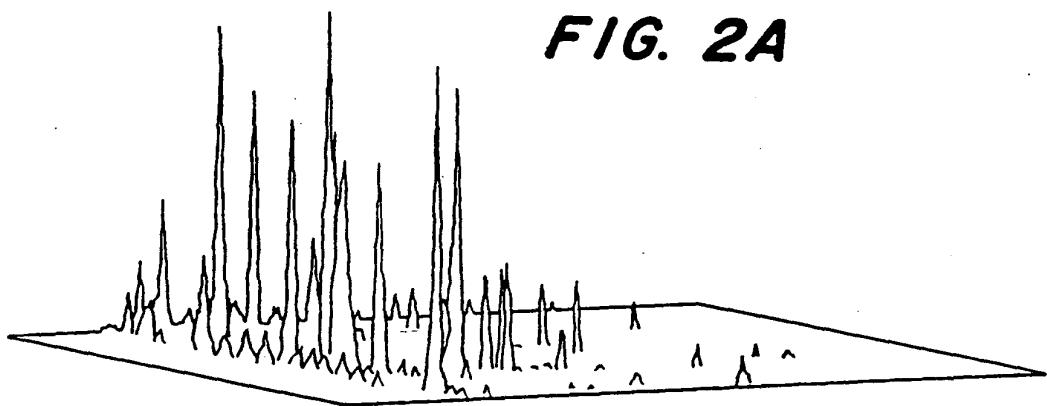
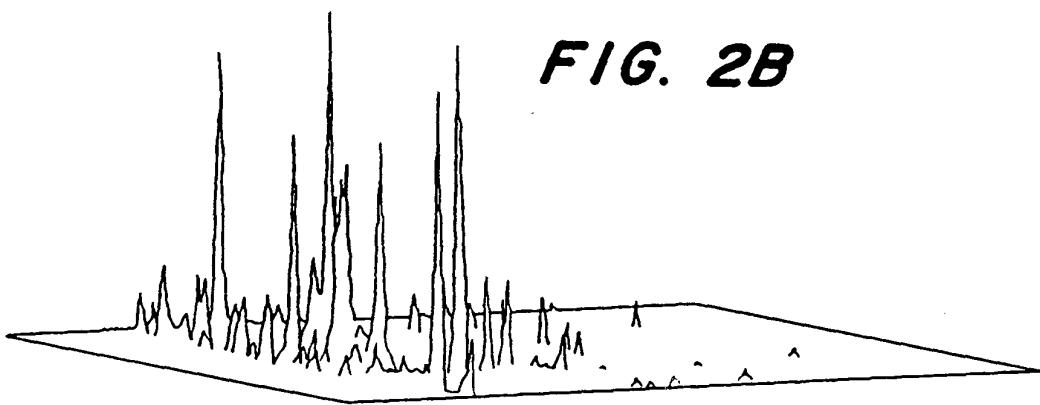
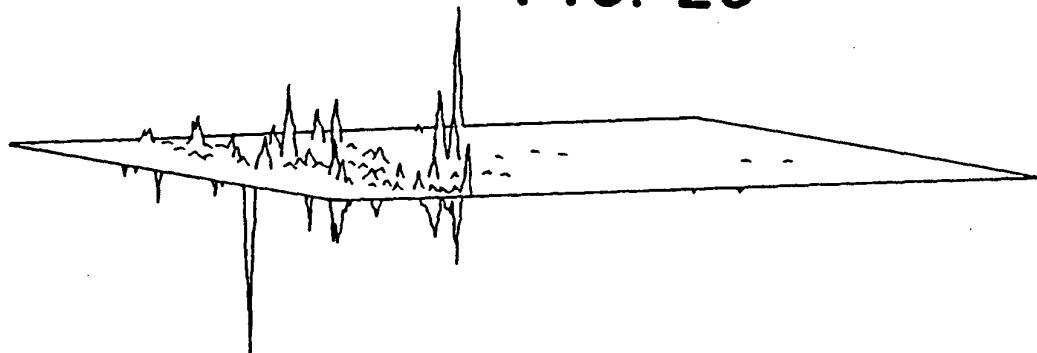
2/8

FIG. 1B



09/674607 1.1.400

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FIG. 2A**FIG. 2B****FIG. 2C**

* PARTIAL PATTERNS SHOWN REPRESENT APPROXIMATELY
5% OF COMPLETE PATTERN (ALL GENES EXPRESSED).

09/674607
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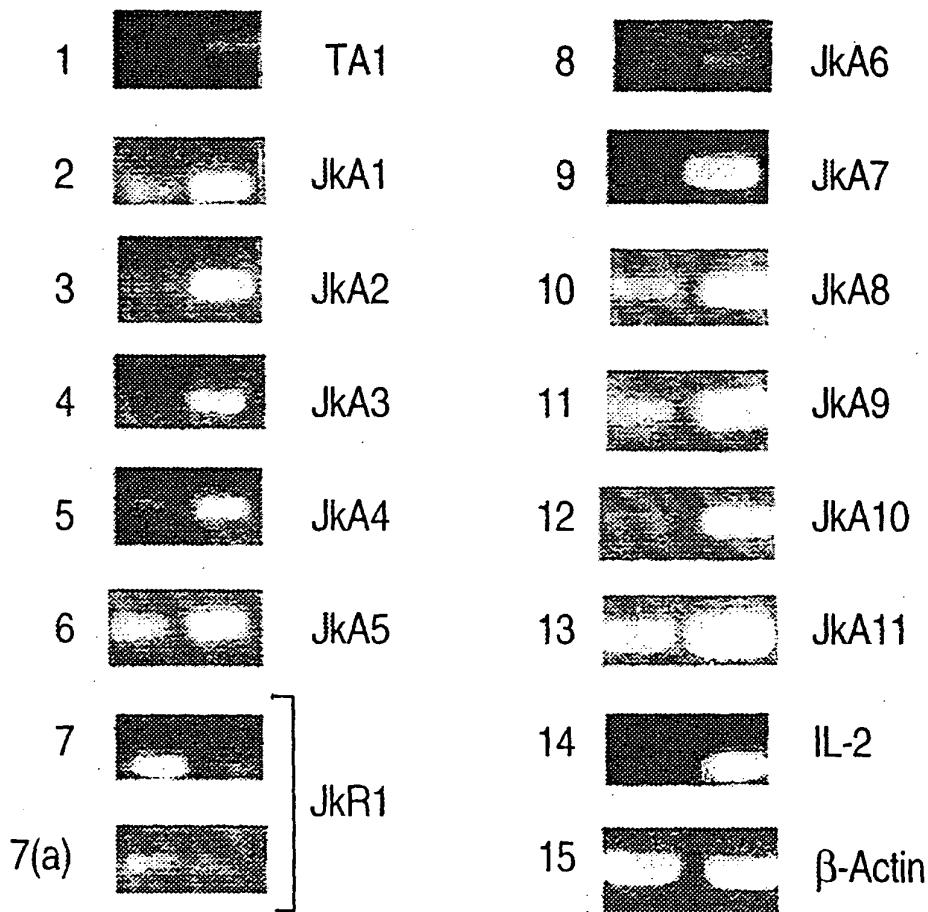
WO 99/57130

PCT/US99/09761

4/8

FIG. 3

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F/G. 4

No.	Clones	N1N2	Expression Patterns		Differential Display Summary of Results		Gene Bank Search and Analysis
			Control T cells	Activated Tcells	+	+	
1	T A1		0	+	Unknown		
2	JkA1		+	+++	Unknown		
3	JkA2		+	+++	Unknown		
4	JkA3		+1-	++	Unknown		
5	JkA4		+1-	++	Unknown		
6	JkA5		+	+++	Unknown		
7	JkA6		0	+	Unknown		
8	JkA7		0	+++	Unknown		
9	JkA8		++	+++	Unknown		
10	JkA9		++	+++	Unknown		
11	JkA10		+1-	+++	Unknown		
12	JkA11		++	+++	Human Serine Esterase		
13			0	++			
14			0	++	Human Ribosomal Protein S8		

09/674607

PCT/US99/09761

WO 99/57130

6 / 8

FIG. 4 cont.

No.	Clones	N1N2	Differential Display		Summary of Results	
			Expression Patterns	Control T cells	Activated Tcells	Gene Bank Search and Analysis
15				0	++	Unknown
16				0	++	Protein Translation Factor SVJ1

FIG. 5

Clone v. Name	Enzyme	Band No.	R.P.	Level of Regulation*	Match (if any)	Percent ID	GenBank Accession	SEQ ID NO.
02_SV_011398_S AC12E_02	Bln I	11	10.2	4X 1	Human mRNA for actin binding protein p57	96.182	HUMIP57B	14
02_SV_011698_B SSIBAND26_02	Bln I	4	8.5	Absent	Human mRNA for KIAA0120 gene	99.194	HUMORFFA	15
04_SV102897_2A	Bln I	12	10.2	2X 1	No human match			16
06_SV102897_1B	Bln I	5	8.5	1.5X 1	Human ferritin light subunit mRNA	95.918	HUMFERFLA	17
06_SV_011398_S AC14A_06	Bln I	13	10.2	2X 1	Human STS WI-30177	98.611	G23064	18
08_SV102897_2B	Bln I	6	9.4	2X 1				
10_NS108E_10	Bln I	14	10.2	1.5X 1	Human DNA sequence from BAC 397C4	94.554	HS397C4	19
10_SV102897_1C	Bln I	7	9.4	Absent	Human clone 23732 mRNA	99.559	HSU79258	20
10_SV_011398_S AC15D_10	Bln I	15	10.2	3X 1	Human hsc70 gene for 71 kd heat shock	98.785	HSHSC70	21
12_SV102897_2C	Bln I	18	10.3	2X 1	Human colin carcinoma laminin-binding pr	99.602	HUMLAMB	
14_SV102897_1D	Bln I	9	9.4	2X 1	No human match			22
16_SV102897_2D	Bln I	10	9.4	(Absent in R	Human mRNA export protein Rae1	98.788	HSUB4720	23
18_SV102897_1E	Nsi I	8	8.4	2X 1	No human match			24
19_SV011698_BS SIBAND15_19	Sac I	1	8.3	2X 1	No human match			25

8/8

FIG. 5 cont.

Clone v. Name	Enzyme	Band No.	R.P.	Level of Regulation*	Match (if any)	Percent ID	GenBank Accession	SEQ ID NO.
20_SV102897_2E	Sac I	14	8.6	---	Human ferritin L chain mRNA	100	HUMFERL	26
23_SV011698_BS SIBAND17_23	Sac I	15	8.6	1.5X1	Human mRNA for P1cdc47	100	HUMP1CDC47	27
24_SV102897_2F	Sac I	7	8.4	Absent	Human pancreatic tumor-related protein	99.512	HUMPANCAN	28
26_SV102897_1G	BssSI	15	8.6	2X1	Homo sapiens HLA-B gene	100	D63956	29
27_SV_011698_B SIBAND19_27	BssSI	17	9.2	2X1	Homo sapiens MLNSO mRNA	97.5	HSMLNSO	30
30_SV102897_1H	BssSI	19	9.4	2X1	No human match			31
31_SV_011698_B SIBAND22_31	BssSI	22	10.2	4X1	Human platelet activating factor acetyl	97.826	HSLIS10	32
37_SV_010898_S AC_BAND1_37	BssSI	26	10.3	2.5X1	No human match			33

* Gene expression in Activated tissue is represented as (1) or down (-) regulated with respect to Resting Jurkat tissue. X represents fold increase or decrease in expression levels.